Message

From: Lindstrom, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=04BF7CF26AA44CE29763FBC1C1B2338E-LINDSTROM, ANDREW]
Sent: 7/30/2018 10:38:43 AM
To: Jane Hoppin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=userebcfc262]; Adrien Wilkie [aawilkie@ncsu.edu]; Collier, David [collierd@ecu.edu]; Detlef R. U. Knappe [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user17c3f77b]; DeWitt, Jamie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user3803c28a]; Katlyn May [kmay2@ncsu.edu]; Lea, Suzanne [LEAC@ecu.edu]; Nadine Kotlarz [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=userc79d3fb6]; Rob Smart [rcsmart@ncsu.edu]; Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]; Jessica Yasmine Islam [jessica.y.islam@gmail.com]; Alison Plumley [asplumle@ncsu.edu]
Subject: RE: some preliminary half life data

Jane,

Very interesting and timely!

Are these decreases changes in the median concentrations for the population or the median of the reduction seen in paired samples?

(The units should be ng/mL serum).

Thank you very much,

Andy

From: Jane Hoppin <jahoppin@ncsu.edu>
Sent: Sunday, July 29, 2018 5:08 PM
To: Adrien Wilkie <aawilkie@ncsu.edu>; Collier, David <collierd@ecu.edu>; Detlef R. U. Knappe <knappe@ncsu.edu>; DeWitt, Jamie <DEWITTJ@ecu.edu>; Katlyn May <kmay2@ncsu.edu>; Lea, Suzanne <LEAC@ecu.edu>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Nadine Kotlarz <nkotlar@ncsu.edu>; Rob Smart <rcsmart@ncsu.edu>; Strynar, Mark <strynar.mark@epa.gov>; Jessica Yasmine Islam <jessica.y.islam@gmail.com>; Alison Plumley <asplumle@ncsu.edu>
Subject: some preliminary half life data

Hi all,
Thanks to Nadine's heroic efforts, we have data to start thinking about half life of these compounds.

It's good news.

We looked at data from 27 people and 6 chemicals (GenX, PFO4DA, Nafion byproduct 2, PFO5DoDA, PFOA, and PFOS) collected in November and May.

All units ppb (ug/L)

GenX is basically non-detectable in all samples.

PFO4DA decreased 69% in that time (Nov median = 4.5, May =0.8)

Nafion BP2 decreased 32% (Nov median = 3, May = 2)
PFO5DoDA decreased 43% (Nov median 0.4, May = 0.2)

PFOA decreased 11% (Nov median = 6, May = 5.4)
PFOS decreased 8% (Nov = 11, May =10)

These are still preliminary and we have about 20 more repeaters to run, but I think it's great news that all the ones in the water are dropping rapidly. That will be something exciting to share with folks at our advisory panel meeting.

Cheers,

jane

--
Jane Hoppin, ScD
Deputy Director, Center for Human Health and the Environment
Associate Professor, Department of Biological Sciences
CB 7633
North Carolina State University
Raleigh, NC 27695

919-515-2918 (office)
jahoppin@ncsu.edu
http://jahoppin.wordpress.ncsu.edu/